Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1 - 15 (canceled).

16 (currently amended)   **A method for providing integrated genomic services comprising:**

(a)   receiving a first request from a customer, wherein said request comprises a first nucleic acid sequence and an order for at least one genomics product, wherein said request comprises a website customer interface that comprises a field for a customer identification number, a field for said first nucleic acid sequence and a field for said at least one genomics product;

(b)   utilizing said nucleic acid sequence to provide said at least one genomics product;

(c)   storing a first genomic product report for said at least one genomics product in a customer report database, wherein said first genomic product report contains searchable genomic product data;

(d)   receiving a second request from said customer, wherein said second request comprises a second order for at least one genomics product and a second nucleic acid sequence;

(e)   comparing said second order and/or said second nucleic acid sequence against said genomics product report to determine if said second request or nucleic acid sequence is redundant; and ~~The method of claim 3, further comprising~~

(f) querying said customer to proceed with said second request if said second request or nucleic acid sequence is redundant.

17 - 20 (canceled).